

Claims

1. Glass or glass ceramic plate for a kitchen appliance, especially a cooking or baking surface, wherein the plate has a safe edge, characterized in that the safe edge is formed by a cross-sectional profiled portion (5) thicker than the thickness (D) of the plate (1), which merges integrally and seamlessly with the plate (1) and is upset or shaped on the rolled plate (1).
2. Glass or glass ceramic plate according to claim 1, characterized in that the profiled portion (5) projects above the upper side (2) and/or below the bottom side (3) of the plate (1).
3. Glass or glass ceramic plate according to either of the foregoing claims, characterized in that the upper side (2) and/or the lower side (3) of the plate is flat within the profiled portion (5).
4. Glass or glass ceramic plate according to claim 1 or 2, characterized in that the upper side (2) differs in partial areas from a planar shape.
5. Glass or glass ceramic plate according to any one of the foregoing claims, characterized in that the profiled portion (5) is a holding zone for the mounting of the plate (1).

6. Glass or glass ceramic plate according to any one of the foregoing claims, characterized in that the profiled portion (5) is rounded at the edge.

5 7. Glass or glass ceramic plate according to any one of the foregoing claims, characterized in that the profiled portion (5) runs around the plate (1).

8. Glass or glass ceramic plate according to any one of the foregoing claims, characterized in that the profiled portion (5) is rounded at the corners (15) of the plate (1).

9. Glass or glass ceramic plate according to any one of the foregoing claims, characterized in that the profiled portion (5) is elevated by a height (H1) over the flat upper side (2) of the plate (1) such that a catchment for liquid is formed.

15 10. Glass or glass ceramic plate according to any one of the foregoing claims, characterized in that the profiled portion (5) merges at a convex round (8) and a concave round (6') into the bottom side (3) of the plate (1).

20 11. Glass or glass ceramic plate according to claim 10, characterized in that a flat zone (10, 10') is provided between the convex round (8, 9) and the concave round (6, 6').

12. Glass or glass ceramic plate according to either of the preceding claims 10 or 11, characterized in that the end face (7) of the profiled portion is rounded to merge with the rounds (8, 9).

5 13. Method for the manufacture of a glass or glass ceramic plate for a kitchen appliance, which has a safe edge, characterized in that the plate is first made by rolling and then, in the green state, is upset or shaped such that there a profiled portion thickened in relation to the thickness of the plate is formed, and that then the plate is heat treated and/or ceramicized to reach its finished state.

14. Method according to claim 13, characterized in that the plate is heated in the green state to reduce thermal stresses and additionally heated in its marginal area and upset or shaped by means of a forming tool to form the profiled portion.